

AKIŐKAN TEKNOLOJİSİ İÇİN SIZDIRMAZLIK ELEMANLARI





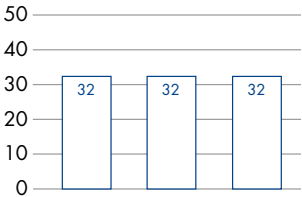
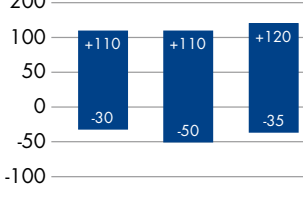
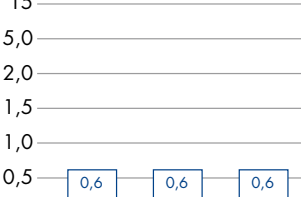

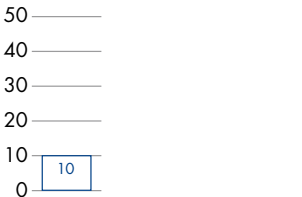
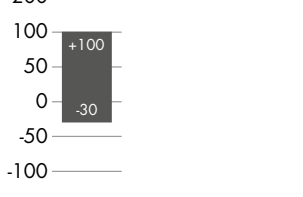
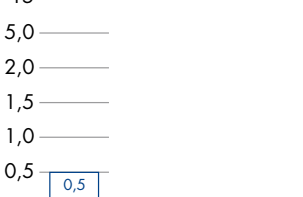

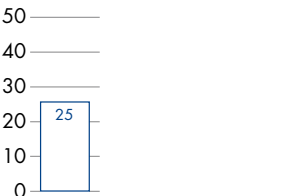
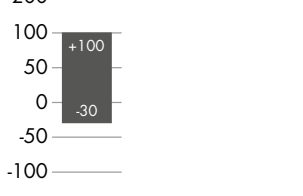
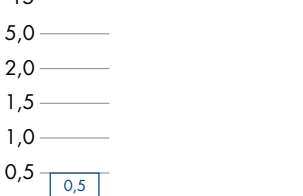

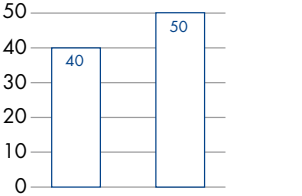
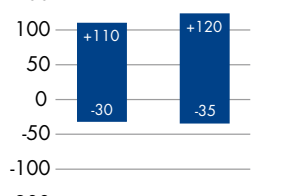


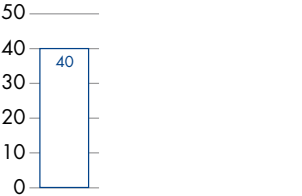
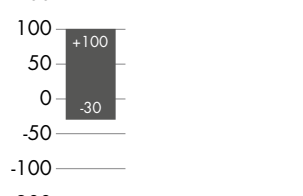
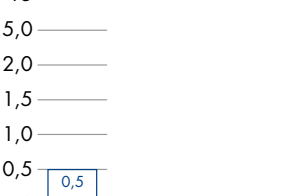

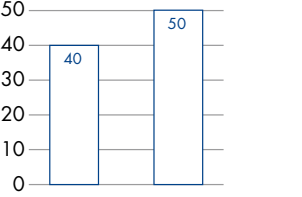
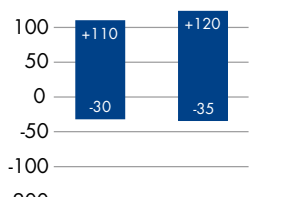

FREUDENBERG
SEALING TECHNOLOGIES

 **FREUDENBERG**
INNOVATING TOGETHER





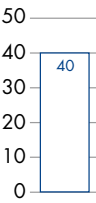
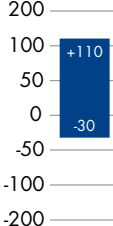
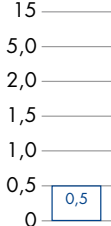

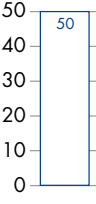
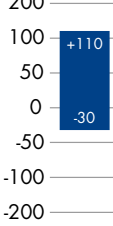
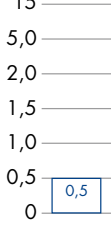

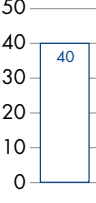
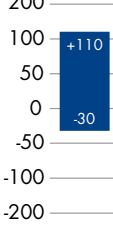
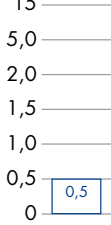

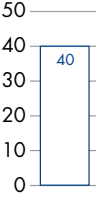
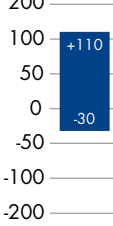
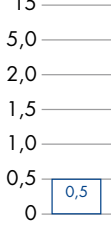

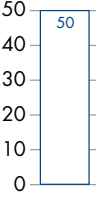
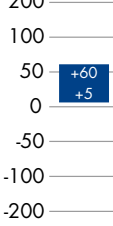
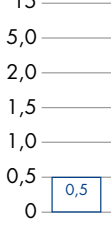

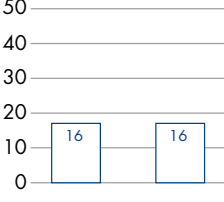
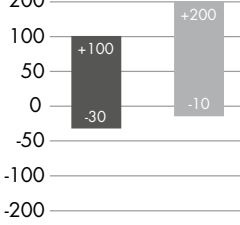
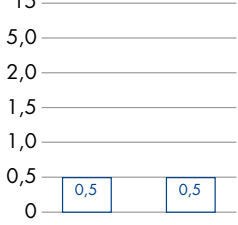

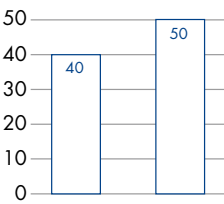
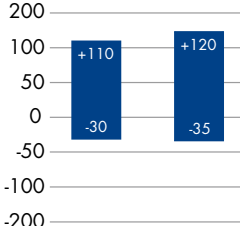
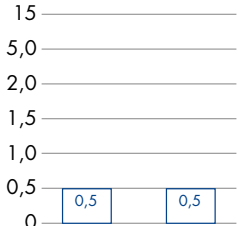
İÇİNDEKİLER

ROD VE SİMETRİK SIZDIRMAZLIK ELEMANLARI	3
PİSTON VE SİMETRİK SIZDIRMAZLIK ELEMANLARI	7
TEK ETKİLİ SİYİRİCİLER	11
ÇİFT ETKİLİ SİYİRİCİLER	13
YATAKLAMA ELEMANLARI - ROD VE PİSTON	14





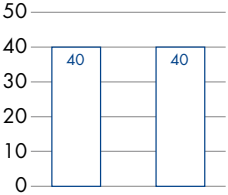
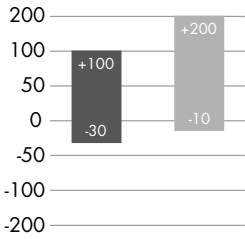
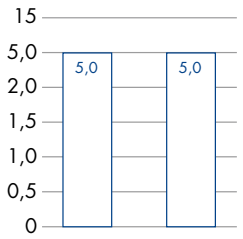


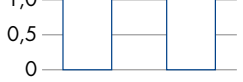

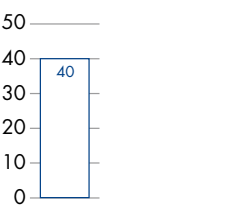
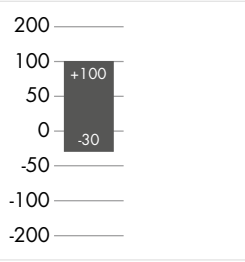
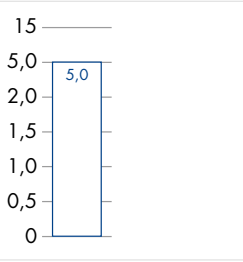

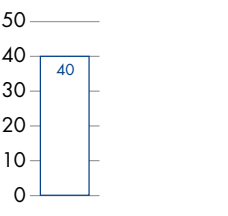
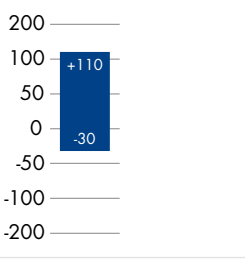
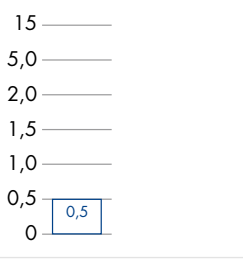

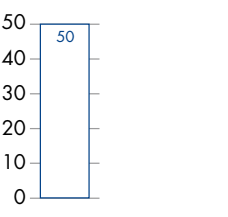
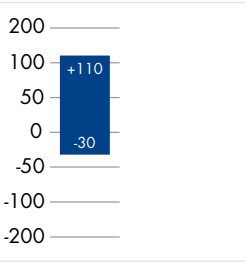
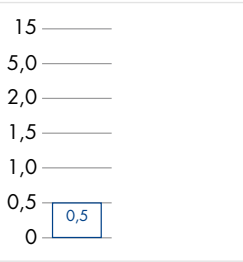

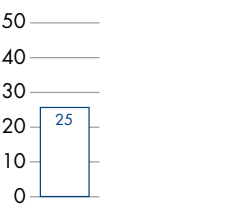
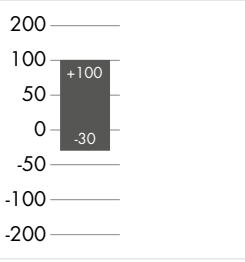
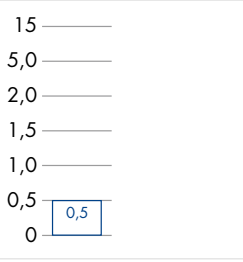

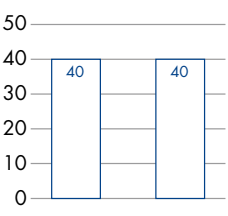
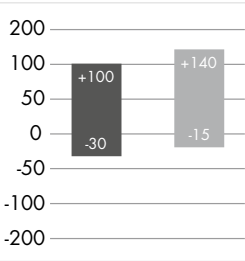
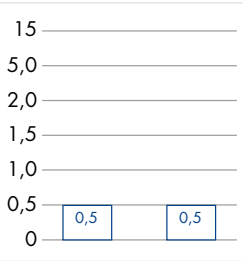


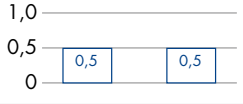

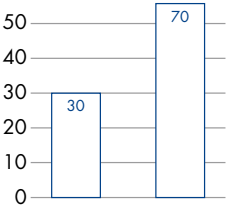
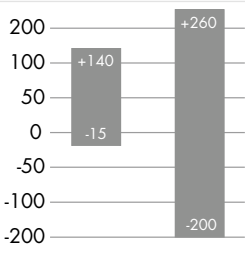
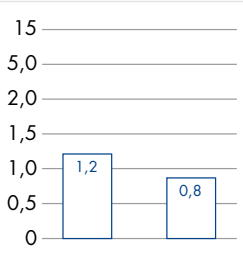
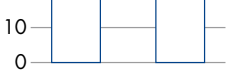

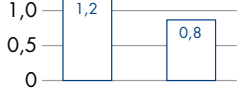
ROD VE SİMETRİK SIZDIRMAZLIK ELEMANLARI

Tip	Seri	Malzeme	 Basınç	 Sıcaklık	 Hız
LF 300		Polyurethane 94 AU 925			
		Polyurethane 92 AU 21100			
		Polyurethane 94 AU 30000			
NI 150		NBR 80 NBR 878			
NI 250		NBR/POM 80 NBR 878 PO 992020			
NI 300		Polyurethane 94 AU 925			
		Polyurethane 94 AU 30000			
NI 400		NBR/POM 80 NBR 878 PO992020			
T 20		Polyurethane 94 AU V142			
		Polyurethane 94 AU 30000			





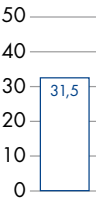
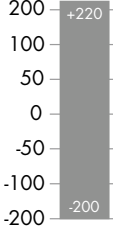
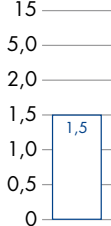

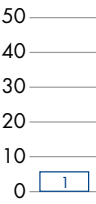
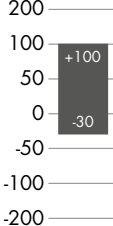
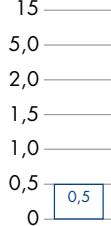

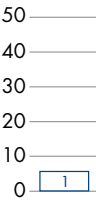
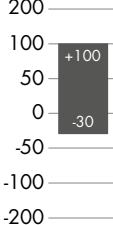
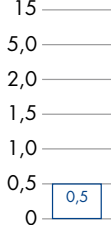

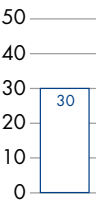
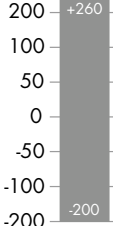
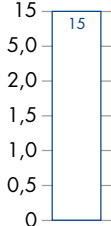

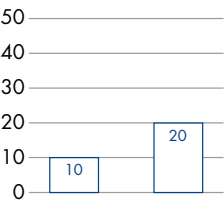
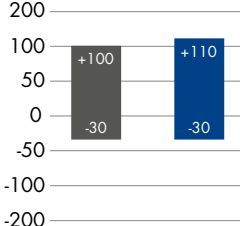
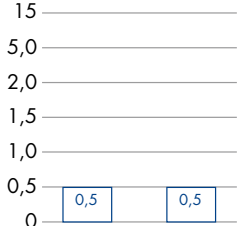

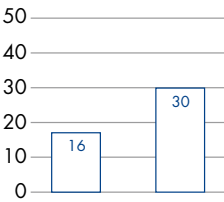
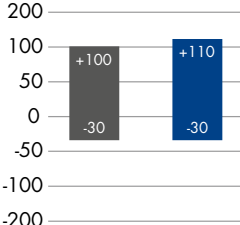
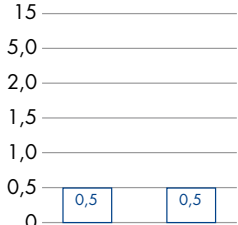

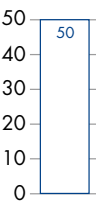
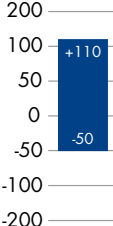
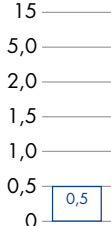
ROD VE SİMETRİK SIZDIRMAZLIK ELEMANLARI

Tip	Seri	Malzeme	 Basınç	 Sıcaklık	 Hız
T 22		Polyurethane 95 AU V142			
T 23		Polyurethane/POM 95 AU V142 PO202			
T 24		Polyurethane 95 AU V142			
TM 20		Polyurethane 95 AU V142			
TM 23		Polyurethane 95 AU V157 93 AU V167			
L 20		NBR 85 NBR B203 85 NBR B247 FKM 85 FKM K664			
SYPRIM SM		Polyurethane/POM 95 AU V142 PO202 Polyurethane/POM 94 AU 30000 PO202			





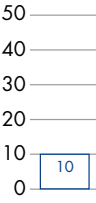
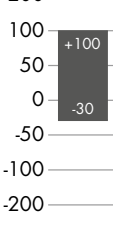
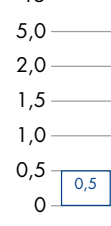

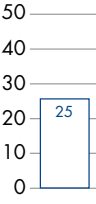
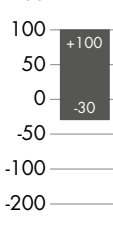
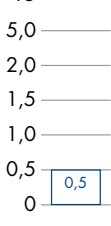

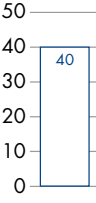
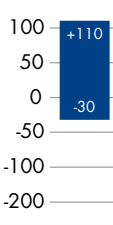
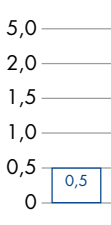

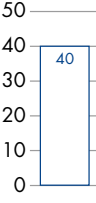
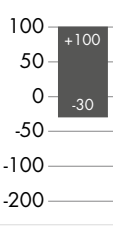
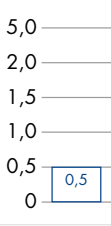

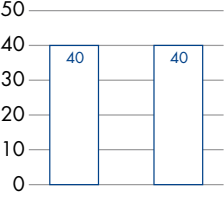
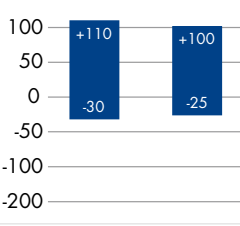
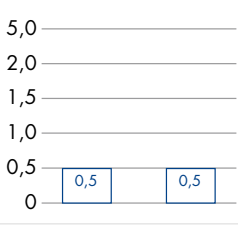

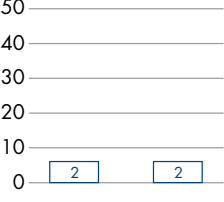
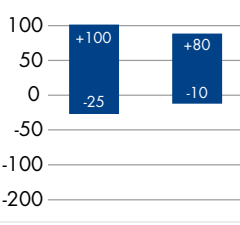
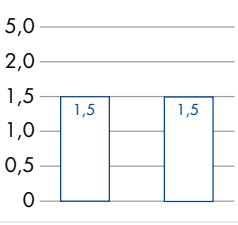

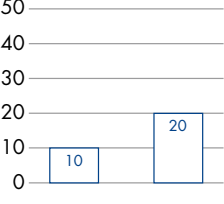
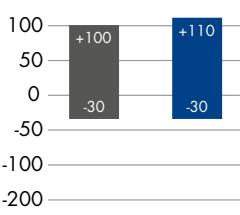
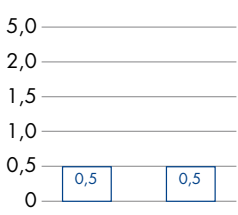
ROD VE SİMETRİK SIZDIRMAZLIK ELEMANLARI

Tip	Seri	Malzeme	 MPa Basınç	 Celsius Sıcaklık	 m/s Hız
OMS-MR		PTFE /NBR B602 /B276 GM 201 /B276			
		PTFE /FKM B602 /K655			
OMS-S		PTFE /NBR GM201 /B246			
KI 310		Polyurethane 94 AU 925			
KI 320		Polyurethane /POM 94 AU 925 PO992020			
S 8		NBR 70 NBR B209			
Chevron Seal Set ES /ESV		NBR BI-NBR B259			
		FKM BI-FKM			
Chevron Seal Set DMS		PTFE			
		PTFE fabric			





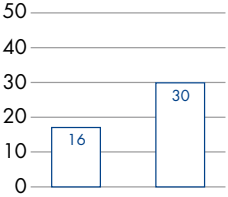
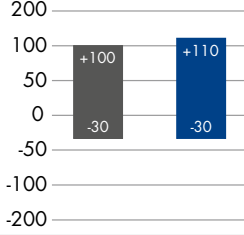
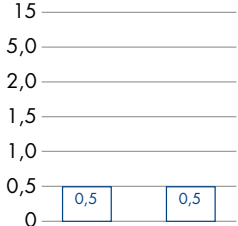

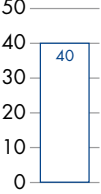
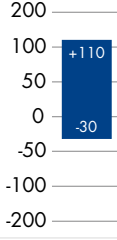
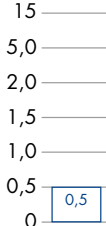

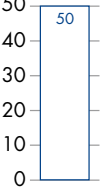
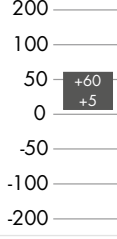
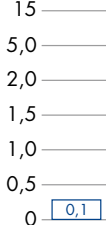

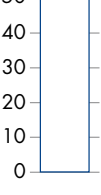
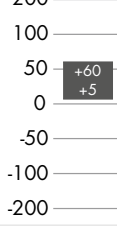
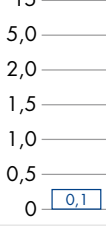

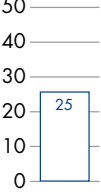
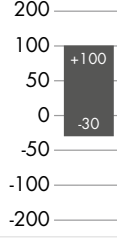
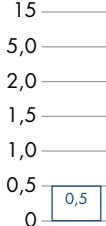

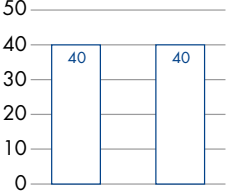
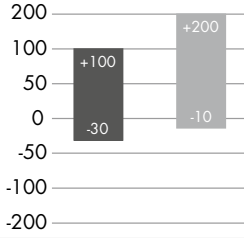
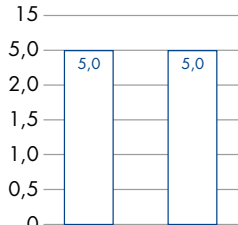

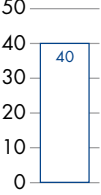
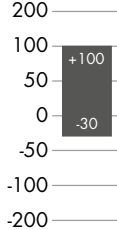
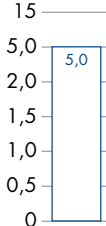
ROD VE SİMETRİK SIZDIRMAZLIK ELEMANLARI

Tip	Seri	Malzeme	 Basınç MPa	 Sıcaklık Celsius	 Hız m/s
Packing Ring TFW		PTFE 15/F52902	 0 10 20 30 40 50 31,5	 -200 -100 0 50 100 200 +220 -200	 0 0,5 1,0 1,5 2,0 5,0 15 1,5
H MF		NBR 88 NBR 101	 0 10 20 30 40 50 1	 -200 -100 0 50 100 200 +100 -30	 0 0,5 1,0 1,5 2,0 5,0 15 0,5
H OF		NBR 88 NBR 101	 0 10 20 30 40 50 1	 -200 -100 0 50 100 200 +100 -30	 0 0,5 1,0 1,5 2,0 5,0 15 0,5
FOI		PTFE 10/F56110	 0 10 20 30 40 50 30	 -200 -100 0 50 100 200 +260 -200	 0 0,5 1,0 1,5 2,0 5,0 15 15
N 1/ AUN 1		NBR 90 NBR 109	 0 10 20 30 40 50 10 20	 -200 -100 0 50 100 200 +100 -30 +110 -30	 0 0,5 1,0 1,5 2,0 5,0 15 0,5 0,5
		Polyurethane 94 AU 925			
N 100/ AUN 100		NBR 90 NBR 109	 0 10 20 30 40 50 16 30	 -200 -100 0 50 100 200 +100 -30 +110 -30	 0 0,5 1,0 1,5 2,0 5,0 15 0,5 0,5
		Polyurethane 94 AU 925			
HDR-2C		Polyurethane 92 AU 21100 98 AU 928	 0 10 20 30 40 50 50	 -200 -100 0 50 100 200 +110 -50	 0 0,5 1,0 1,5 2,0 5,0 15 0,5





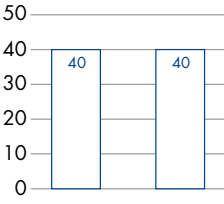
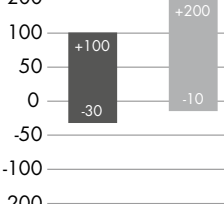
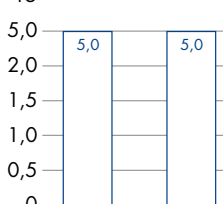

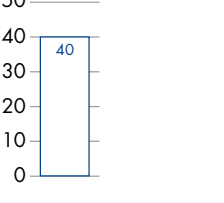
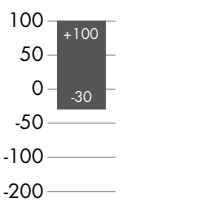
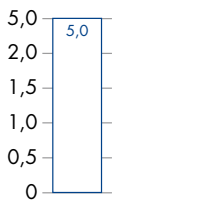

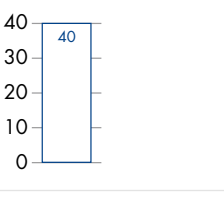
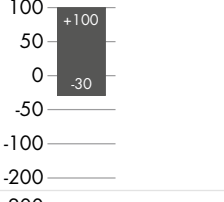
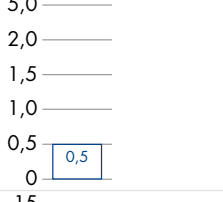

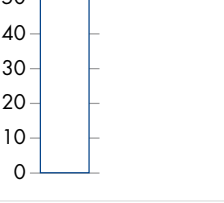
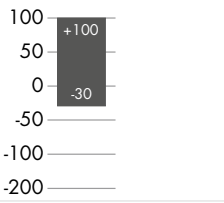
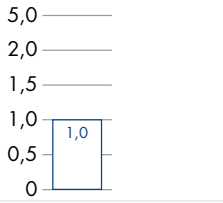

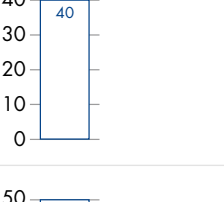
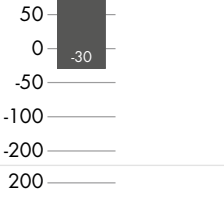
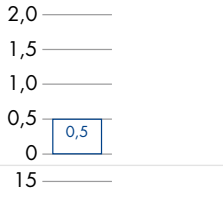

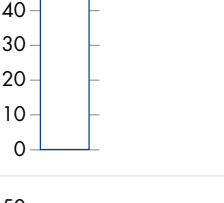
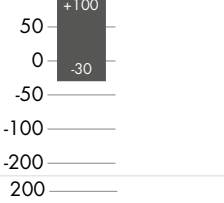
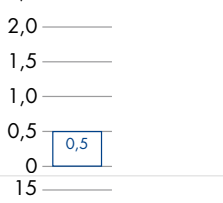

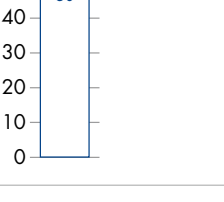
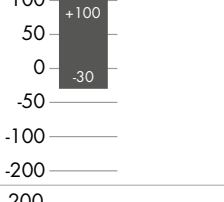
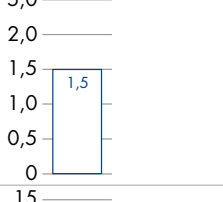

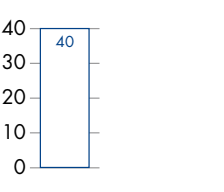
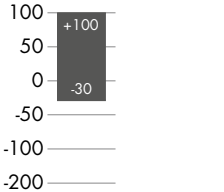
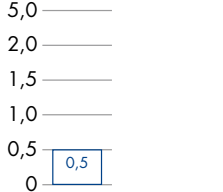
PİSTON VE SİMETRİK SIZDIRMAZLIK ELEMANLARI

Tip	Seri	Malzeme	 MPa Basınç	 Celsius Sıcaklık	 m/s Hız
NA 150		NBR 80 NBR 878			
NA 250		NBR / POM 80 NBR 878 PO992020			
NA 300		Polyurethane 94 AU 925			
NA 400		NBR / POM 80 NBR 878 PO992020			
TM 21		Polyurethane 95 AU V142			
		Polyurethane 93 AU V167			
TMP 21		Polyurethane 93 AU V167			
		Polyurethane 93 AU V168			
N 1 / AUN 1		NBR 90 NBR 109			
		Polyurethane 94 AU 925			





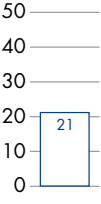
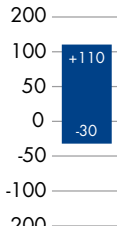
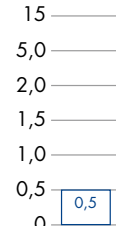

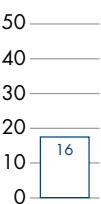
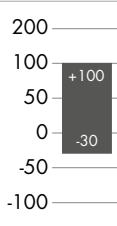
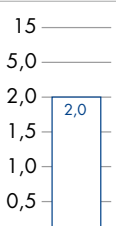

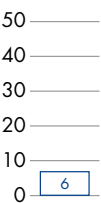
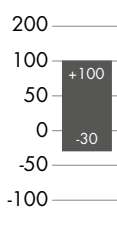
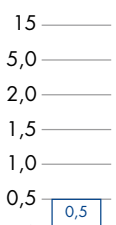

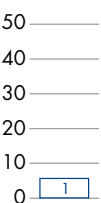
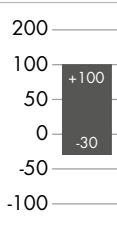
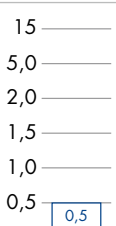

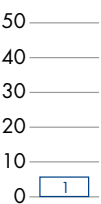
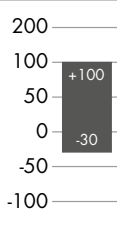
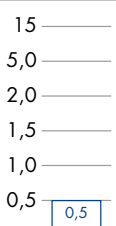

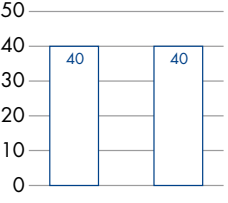
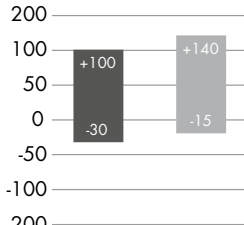
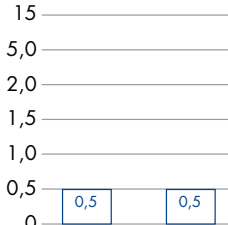

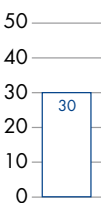
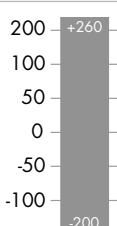
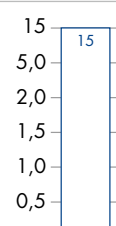
PİSTON VE SİMETRİK SIZDIRMAZLIK ELEMANLARI

Tip	Seri	Malzeme	 Basınç MPa	 Sıcaklık Celsius	 Hız m/s
N 100 / AUN 100		NBR 90 NBR 109			
		Polyurethane 94 AU 925			
T 18		Polyurethane/ POM 95 AU V142 PO202			
T 42		Polyurethane/ NBR/POM 93 AU V167 NBR/PO202			
T 44		Polyurethane/ NBR/POM 93 AU V167 NBR/PO202			
OMK-PU		Polyurethane/NBR 95 AU V142 B276			
OMK-E		PTFE/NBR GM201/B275 B602/B276			
		PTFE/FKM B602/K566			
OMK-ES		PTFE/NBR B602/B246 GM201/B246			




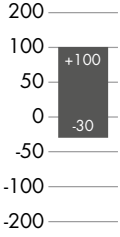
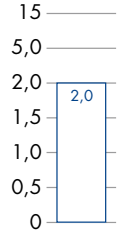

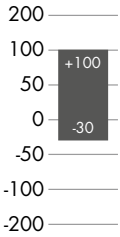
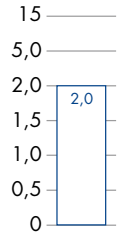

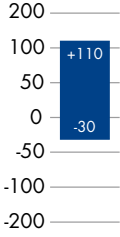
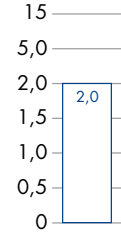

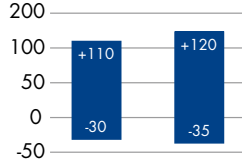
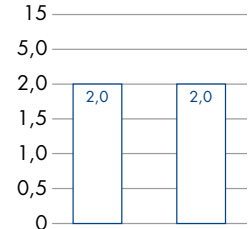


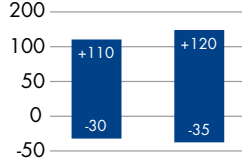
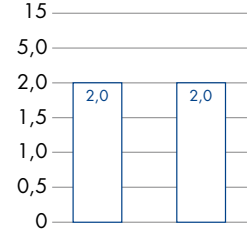


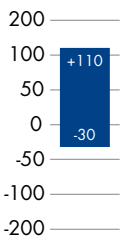
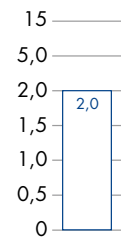
PİSTON VE SİMETRİK SIZDIRMAZLIK ELEMANLARI

Tip	Seri	Malzeme	 MPa Basınç	 Celsius Sıcaklık	 m/s Hız
OMK-MR		PTFE / NBR B602 / B276 GM201 / B276			
		PTFE / FKM B602 / K655			
OMK-S		PTFE / NBR B602 / B246 GM201 / B246			
Simko 300		Polyuretan / NBR 98 AU 928 / 872 98 AU 928 / 709			
HDP 330		Polyamide / NBR PA 4112 / 177605			
Simko 320 X2		NBR / PA 80 NBR 878 / PA			
Simko 520		NBR / POM 80 NBR PO992020			
L 27		PTFE / NBR / POM B602 / B247 / PO202 B602 / B203 / PO202			
L 43		NBR / TPE / PA 70 NBR B281 TP113 PA6501			




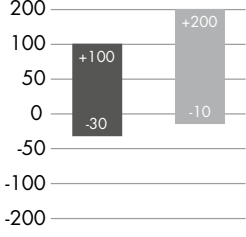
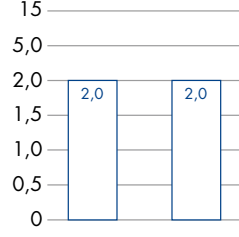
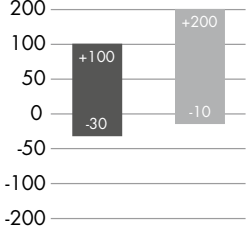
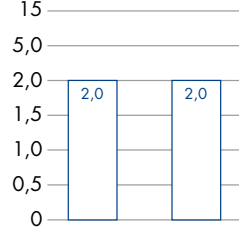

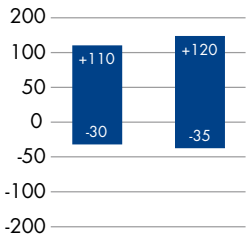
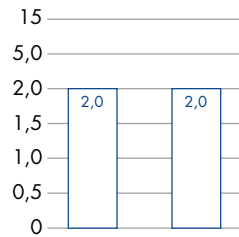
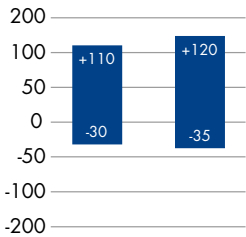
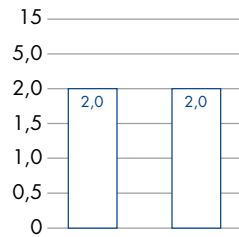

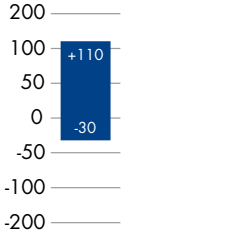
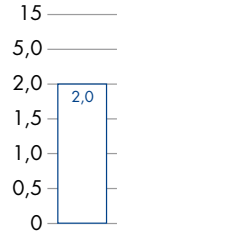
PİSTON VE SİMETRİK SIZDIRMAZLIK ELEMANLARI

Tip	Seri	Malzeme	 MPa Basınç	 Celsius Sıcaklık	 m/s Hız
T 19		Polyurethan / POM 95 AU V142 PO202			
TFMA		PTFE / NBR 177023 / NBR			
TDUOH		NBR 90 NBR 109			
T MF		NBR 88 NBR 101			
T OF		NBR 88 NBR 101			
EK / EKV		NBR BI-NBR FKM BI-FKM			
FOA		PTFE 10 / F56110			




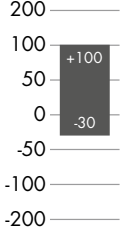
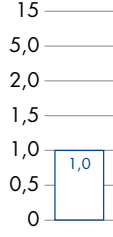

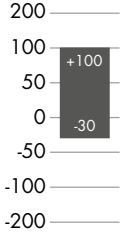
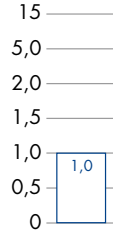

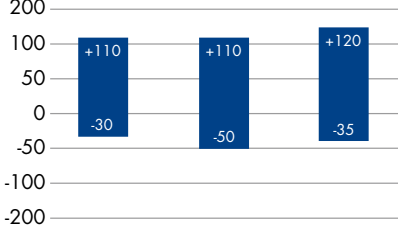
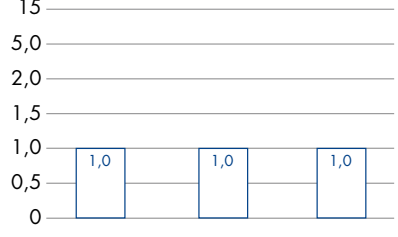

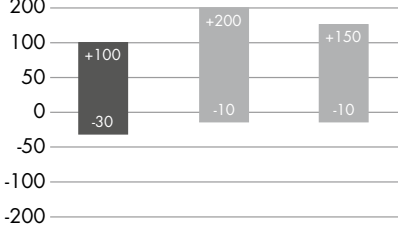
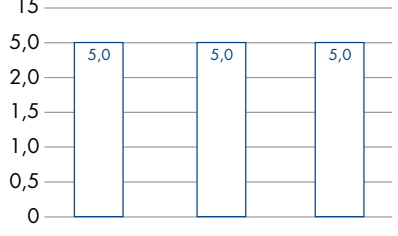

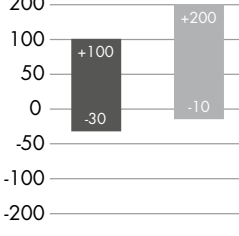
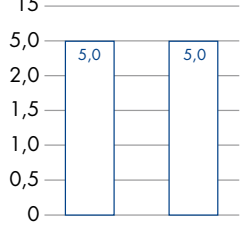

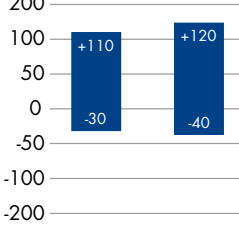
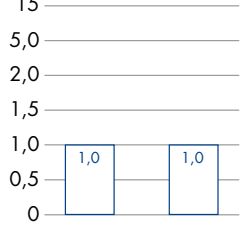
TEK ETKİLİ SIYIRICILAR

Tip	Seri	Malzeme	 Sıcaklık	 Hız
AS		NBR 88 NBR 101 88 NBR 99035		
ASOB		NBR 88 NBR 101		
AUPS		Polyurethan 94 AU 925		
AUAS		Polyurethan 94 AU 925		
		Polyurethan 94 AU 30000		
AUAS R		Polyurethan 94 AU 925		
		Polyurethan 94 AU 30000		
AUASOB		Polyurethan 94 AU 925		




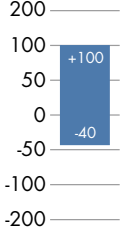
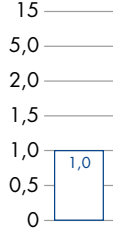

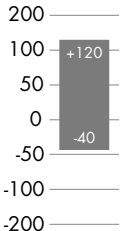
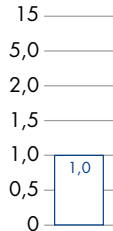

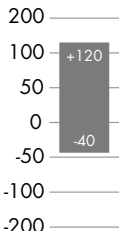
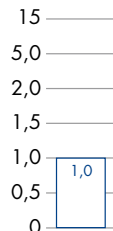

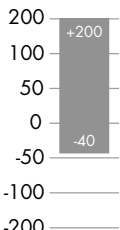
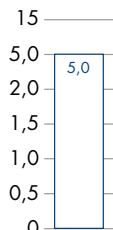

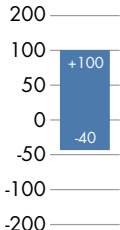
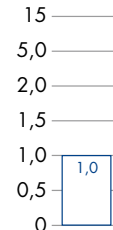

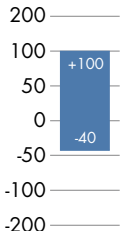
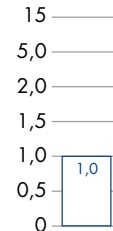
TEK ETKİLİ SIYIRICILAR

Tip	Seri	Malzeme	 Sıcaklık	 Hız
P 6		NBR 85 NBR B247		
		FKM 85 FKM K664		
PU 5		Polyurethan 95 AU V149		
		Polyurethan 94 AU 30000		
PU 6		Polyurethan 95 AU V149		




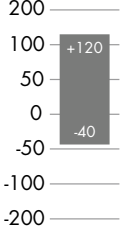
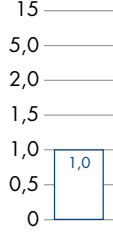

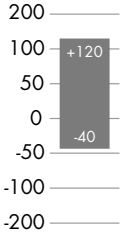
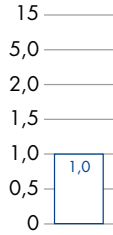

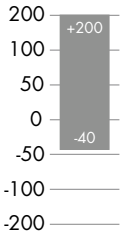
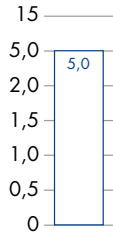
ÇİFT ETKİLİ SIYIRICILAR

Tip	Seri	Malzeme	 Sıcaklık	 Hız
P 8		NBR 90 NBR 109 85 NBR B247		
P 9		NBR 85 NBR B247		
PRW 1		Polyurethan 94 AU 925		
		Polyurethan 92 AU 21100		
		Polyurethan 94 AU 30000		
PT 1		PTFE/NBR B602/70 NBR GM201/70 NBR		
		PTFE/FKM B 602/70 FKM		
		PTFE/FKM GM201/70FKM		
PT 2		PTFE/NBR B602/70 NBR		
		PTFE/FKM B602/70 KM		
PU 11		Polyurethan 95 AU V142		
		Polyurethan 94 AU 30000		

YATAKLAMA ELEMANLARI - ROD VE PİSTON

Tip	Seri	Malzeme	 Sıcaklık	 Hız
FRI		Polyamide PA4112		
SB		Fabric base laminat HG517 HG650		
SBK		Fabric base laminat HG517 HG650		
SF		PTFE B500		
EKF		Polyamide PA4201		
FRA		Polyamide PA4112		

YATAKLAMA ELEMANLARI - ROD VE PİSTON

Tip	Seri	Malzeme	 Sıcaklık	 Hız
KB		Fabric base laminate HG517 HG600		
KBK		Fabric base laminate HG517 HG650		
KF		PTFE B500		

NOT:

- 1
- 2 = 1; 2; 3
- 3